

## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

### English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: HIGH DENSITY INTERCONNECTS

the specification of which

(check one)

is attached hereto.

was filed on \_\_\_\_\_ as United States Application No. \_\_\_\_\_ or PCT International Application Number \_\_\_\_\_ filed on \_\_\_\_\_ and was amended on (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International Application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

#### Prior Foreign Application(s)

(Number)	(Country)	(Day/Month/Year Filed)	<u>Priority Not Claimed</u>
			<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

(Application Serial No.)

(Filing Date)

(Application Serial No.)

(Filing Date)

(Application Serial No.)

(Filing Date)

I hereby claim the benefit under 35 U.S.C. Section 120 of any United States application(s), or Section 365(c) of any PCT International Application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International Application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C.F.R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

Manny W. Schecter (31,722)  
John E. Hoel (26,279)  
Joseph C. Redmond, Jr. (18,753)  
Robert M. Trepp (25,933)  
Daniel P. Morris (32,053)  
Marian Underweiser (46,134)  
Gail Zarick (43,303)  
Derek S. Jennings (41,473)

Lauren C. Bruzzone (35,082)  
Christopher A. Hughes (26,914)  
Louis J. Percello (33,206)  
Stephen C. Kaufman (29,551)  
Paul J. Otterstedt (37,411)  
Louis P. Herzberg (41,500)  
Douglas W. Cameron (31,596)  
Edward A. Pennington (32,588)

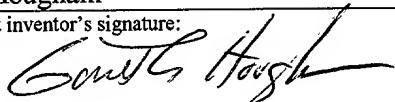
Send Correspondence to:  
Geza C. Ziegler, Jr. Customer No. 2512

Direct Telephone Calls to: Geza C. Ziegler, Jr.  
Reg. No.: 44,004 (203) 259-1800

Full name of sole or first inventor:

Gareth Hougham

Sole or first inventor's signature:



DATE

11/26/01

Residence:

151 South Highland Avenue, Apt. 6B, Ossining, NY 10562

Citizenship:

USA

Post Office Address:

151 South Highland Avenue, Apt. 6B, Ossining, NY 10562

Full name of second inventor:

Second inventor's signature:

DATE

Residence address:

Citizenship:

Post Office Address:

## OATH & ASSIGNMENT

The undersigned, (a) **Gareth Hougham**  
Citizen(s) of (b) **USA**  
Residing at (c) **151 South Highland Avenue, Apt. 6B, Ossining, NY 10562**

Hereby undertake that the invention/new utility model/new design entitled

**(d) HIGH DENSITY INTERCONNECTS**

was truly invented by me. The undersigned understands that willful false statements are punishable by laws.

1. The undersigned hereby assign all my/our rights and interests regarding the invention/new utility model/new design as far as the Republic of China is concerned to

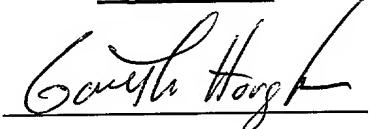
**(e) INTERNATIONAL BUSINESS MACHINES CORPORATION**

(hereinafter called "Assignee"), a corporation organized and existing under the laws of (f) **the State of New York, United States of America**

and located at (g) **New Orchard Road, Armonk, NY 10504, United States of America**

and do hereby declare that the Assignee is entitled to applying for and obtaining patent rights on the invention/new utility model/new design in its own name in the Republic of China.

Signatures(s)

(h) 

Date

4/26/04

(i) **Gareth Hougham**

Note 1: (a) full names(s) of inventors(s)  
(b) name(s) of country(ies)  
(c) address(es) of inventor(s)  
(d) title of invention/new utility model/new design  
(e) the name of Assignee  
(f) the name of the country, or state and county  
(g) address of the Assignee  
(h) signature(s) of inventor(s)  
(i) names(s) in print of inventor(s)

Note 2: Neither notarization nor legalization is required for this document

Note 3: All inventors' data have to be printed in the field of (a) - (c) and (i).

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR: Gareth Hougham  
SERIAL NO.: ART UNIT:  
FILED: Herewith EXAMINER:  
TITLE: HIGH DENSITY INTERCONNECTS  
ATTORNEY DOCKET NO.: YOR920010117US1  
950-010148-US (PAR)

Commissioner of Patents  
Washington, D.C. 20231

**APPOINTMENT OF ASSOCIATE ATTORNEYS**

Dear Sir:

The undersigned attorney, who has been appointed as an attorney in the Combined Declaration and Power of Attorney for the above-identified application, hereby appoints

All attorneys listed under Customer No. 2512

as his associate attorneys to prosecute said application and to transact all business in the United States Patent and Trademark Office connected therewith.

Please direct all official communications to:

Customer No. 2512

Respectfully submitted,



Daniel P. Morris (Reg. No. 32,053)  
IBM Corporation  
Intellectual Property Law Dept.  
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